



{In Archive} RE: Auburn - Powerex Cross Hole Testing Plan

David A Eckhardt

to:

Dougherty, John

10/08/2009 03:19 PM

Cc:

Isabel Rodrigues

Hide Details

From: David A Eckhardt <daeckhar@usgs.gov>

To: "Dougherty, John" <DoughertyJN@cdm.com>

Cc: Isabel Rodrigues/R2/USEPA/US@EPA

238572



History: This message has been replied to.

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John—

I'll be in Long Island measuring water levels for Alvey that week.

You can just pull the transducer out, unscrew it's cap & cable, and store it in the car during the day. Redeploy it after work is done each day, and keep the record running. I will cut out the non-data later.

I'm out of the office until next Wednesday, but you can call me on the cell.

Thanks

—Dave

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From: "Dougherty, John" <DoughertyJN@cdm.com>
To: "David A Eckhardt" <daeckhar@usgs.gov>
Date: 10/08/2009 03:11 PM
Subject: RE: Auburn - Powerex Cross Hole Testing Plan

Dave, let me know if you want me to shut down the data loggers before pulling them or to just leave them running.

jnd

From: David A Eckhardt [mailto:daeckhar@usgs.gov]

Sent: Thursday, October 08, 2009 2:11 PM

To: Ralph Morse

Cc: Alvey.Robert@epamail.epa.gov; Dougherty, John; kjkelly@gw.dec.state.ny.us; Klerides, Demetrios; Mayo, Joseph; paul.hare@ge.com; rodrigues.isabel@epa.gov; John H Williams

Subject: Re: Auburn - Powerex Cross Hole Testing Plan

The D3 ports are still open at the two EPA wells, so John will just need a key to access the 1.5-inch ID Westbay tubes. A Solinst long-term datalogger is suspended in EPA-1, but that can be pulled out of the well before each test and re-installed at the end of the day.

—Dave

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From: "Ralph Morse" <MorseRE@obg.com>

To: <rodrigues.isabel@epa.gov>, "David A Eckhardt" <daeckhar@usgs.gov>

Cc: "JD" <DoughertyJN@cdm.com>, <KleridesD@cdm.com>, "jm" <MayoJJ@cdm.com>, <Alvey.Robert@epamail.epa.gov>, <paul.hare@ge.com>, <kjkelly@gw.dec.state.ny.us>

Date: 10/08/2009 01:18 PM

Subject: Re: Auburn - Powerex Cross Hole Testing Plan

Dave:

The proposed cross hole testing program is anticipated to be a two week effort. Its my understanding that John Dougherty from CDM will be on-site to observe the cross-hole testing during the weeks of October 26th and November 2. Its also my understanding that John is not available during the second week of November and as discussed during a conference call on October 1, we chose to schedule the field work starting on October 26th for that reason.

Although not mentioned in my previous email, we propose that O'Brien & Gere install and monitor the data loggers in the EPA wells in addition

to the GE wells during the test configurations that include monitoring of EPA wells. That way we can be consistent on the type of data loggers, and associated pressure ranges (i.e., sensitivity) being used for all tests. We anticipate that CDM will provide access to the EPA wells as necessary.

Given the above, we would only need EPA/CDM/USGS to open the D3 ports of EPA-1 and EPA-2 prior to the start of the tests so we can deploy our data loggers and to provide access during the days they are included in the test configuration, all of which I anticipate John Dougherty can do.

Ralph

>>> David A Eckhardt <daeckhar@usgs.gov> 10/8/2009 11:02 AM >>>
 I'll be away from the Ithaca office during the week of Oct 26.
 Is there any possibility of delaying the cross-hole tests until Nov 2?
 --Dave

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From:
 "Ralph Morse" <MorseRE@obg.com>
 To:
 "John Dougherty" <DoughertyJN@cdm.com>, "Demetrios Klerides" <>,
 "Joseph Mayo" <MayoJJ@cdm.com>, <rodrigues.isabel@epa.gov>, "Kevin Kelly"
 <kjkelly@gw.dec.state.ny.us>, "David Eckhardt" <daeckhar@usgs.gov>
 Cc:
 "Paul (GE Corporate) Hare" <paul.hare@ge.com>
 Date:
 10/08/2009 09:53 AM
 Subject:
 Auburn - Powerex Cross Hole Testing Plan

Attached is a summary table and associated figures that identify the cross hole test configurations for the up coming cross hole testing scheduled to start on October 26th. This summary table and associated figures identify which wells are to be tested and the associated wells to be monitored during each test.

The cross hole testing methodology was presented in the NYSDEC-Approved Revised Amendment No. 5 Work Plan associated with RI/FS Work Plan Addendum No. 3 dated November 5, 2008. For convenience, the methodology is summarized below:

Cross-Hole Testing

As discussed above, cross-hole testing will be completed along Lines 0, ½ and 1 following the installation of additional wells as part of the Phase 2 activities. Selected wells will be pressurized pneumatically to a target pressure of 10 pounds per square inch (psi). After stabilization for a minimum of 30 minutes, the pressure in the test well will be released and the water level in the test well and designated nearby monitoring wells will be recorded using pressure transducers and associated data loggers. Water levels will be monitored for a minimum of 30 minutes, and then the test will be repeated. The wells to be tested and the associated wells to be monitored are presented in the attached table and associated figures.

We look forward to receiving approval of this plan prior to the October 26th start date.

Thank you.

Ralph

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[attachment "AP_Cross Hole Test Configurations.pdf" deleted by David A Eckhardt/WRD/USGS/DOI]

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